



Winston H. Hickox  
Agency Secretary

# Air Resources Board

Alan C. Lloyd, Ph.D.  
Chairman

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Gray Davis  
Governor

August 16, 2000

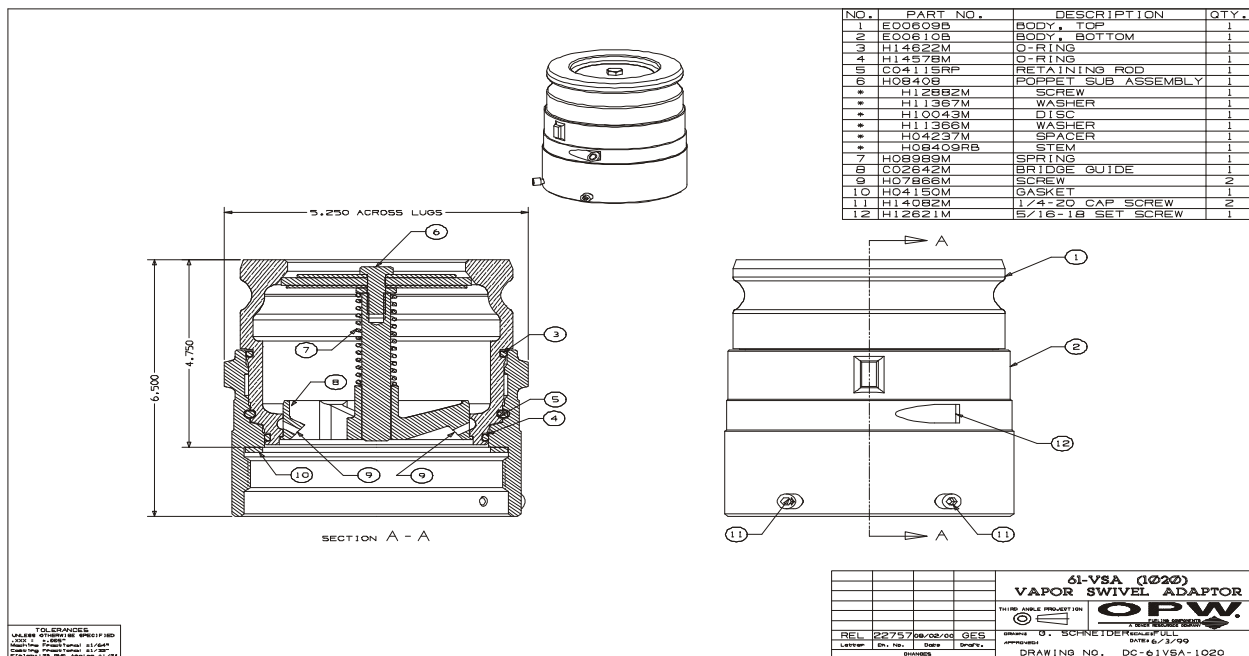
Donald L. Leininger, P.E.  
Technical Liaison Manager  
OPW Fueling Components  
P.O. Box 405003  
Cincinnati, OH 45240

#00-11

Dear Mr. Leininger:

## Approval of OPW 61 VSA Vapor Swivel Adapter

OPW Fueling Components requested California Air Resources Board (CARB) approval of their OPW 61 VSA Vapor Swivel Adapter. The swivel adapter allows the delivery driver to attach the vapor return hose to the adapter and move the hose through a full 360° turn to the position needed without inadvertently loosening the adapter. Three adapters were sealed on site at Tooley Shell 2401 Sunrise Blvd. in Rancho Cordova on February 8, 2000.



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As required by the Certification Procedures for Gasoline Vapor Recovery Systems at Service Stations, the approvals of two additional State agencies are a precondition to certification by the Air Resources Board. The appropriate letters of approval have been received and are listed as follows:

Department of Occupational Safety and Health  
June 20, 2000

Department of Forestry and Fire Protection  
Office of the State Fire Marshal  
July 17, 2000

I find that the use of the OPW 61 VSA Vapor Swivel Adapter, when installed in accordance with the manufacturer's instructions will not adversely affect the performance of vapor recovery systems on which it is installed. Therefore, the OPW 61 VSA Vapor Swivel Adapter is certified for use with CARB certified Phase I vapor recovery.

If you have any questions or wish to discuss this matter further, please call LaMar Mitchell at (916) 323-1474.

Sincerely,

***Signed Copy on File***

James J. Morgester, Chief  
Compliance Division

cc: Larry F. Greene, CAPCOA  
Stew Wilson, CAPCOA  
Peter Mieras, SCAQMD  
Robert Kwong, BAAQMD  
Jack Bean, BAAQMD  
Bill Dillon, SBAPCD  
David Schott, MBUAPCD  
Rosa Salcedo, SDAPCD  
Leslie Krinsk, ARB  
Terry Dutton, SDAPCD  
Richard Sommerville, SDAPCD  
Barnard McEntire, SDAPCD  
Isam Boulad, SMAQMD